

Influenza Update: November 4, 2017

Influenza activity was observed to be below baseline levels in King County during week forty-four: there have been no reports of laboratory-confirmed influenza deaths; one outbreak was reported in a long-term care facility. Emergency Department visits for all age groups are at or below baseline levels. The University of Washington Virology Laboratory data show low levels of parainfluenza, as well as circulating rhinovirus.

At a glance

	Current week	Since Sep 25, 2017
Laboratory-confirmed influenza deaths	0	0
Percentage positive influenza tests by PCR¹	1.2%	Season peak: 3.9%
Number of labs reporting	4	Weekly average: 5.5
Number of specimens tested	409	Weekly average: 458
Percentage of emergency department (ED) visits for ILI²	1.3%	Season peak: 1.0%
Respiratory disease outbreaks at long-term care facilities (LCTFs)	1	1
Laboratory-confirmed LTCF influenza outbreaks	1	1

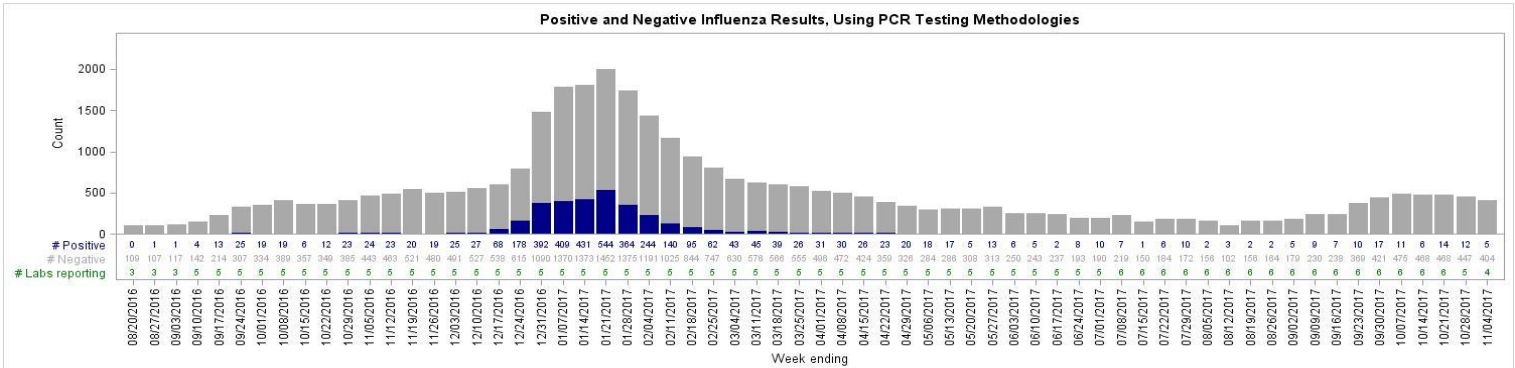
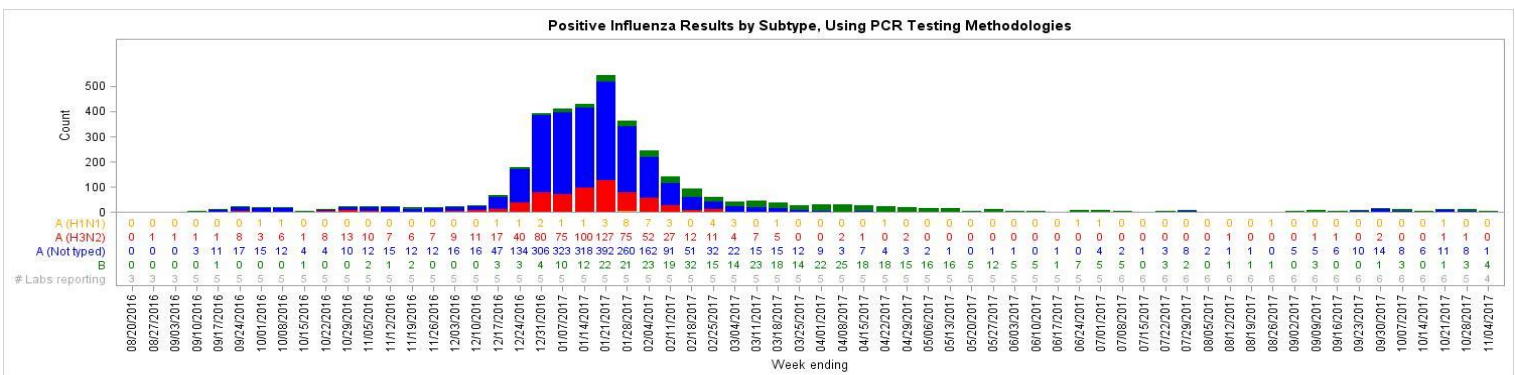
¹Based on King County hospital laboratory and sentinel provider submissions to CDC's National Respiratory and Enteric Virus Surveillance System (NREVS). NREVS data not available for previous seasons due to change in reporting procedures.

²Based on Public Health - Seattle & King County's syndromic surveillance data representing aggregate percent of visits to King County EDs.

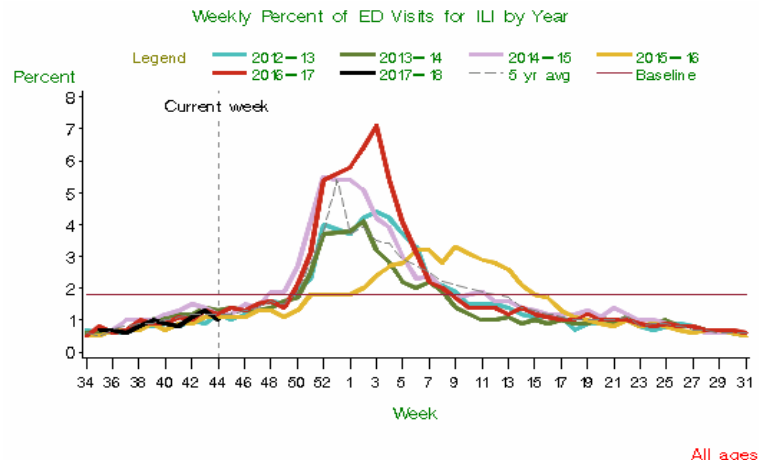
Submissions to NREVS by King County labs and sentinel providers

Week #	Week ending	Methodology	# Labs reporting	A (H1N1)	A (H3N2)	A (Not typed)	B	# Tested	% Flu positive
41	10/14/2017	AG	5	0	0	0	0	43	0
		PCR	6	0	0	6	0	474	1.3
		VI	2	0	0	0	0	23	0
42	10/21/2017	AG	5	0	0	0	0	37	0
		PCR	6	1	1	11	1	482	2.9
		VI	2	0	0	0	0	16	0
43	10/28/2017	AG	6	0	0	1	2	112	2.7
		PCR	5	0	1	8	3	459	2.6
		VI	2	0	0	0	0	10	0
44	11/4/2017	AG	4	0	0	2	1	70	4.3
		PCR	4	0	0	1	4	409	1.2
		VI	1	0	0	0	0	10	0

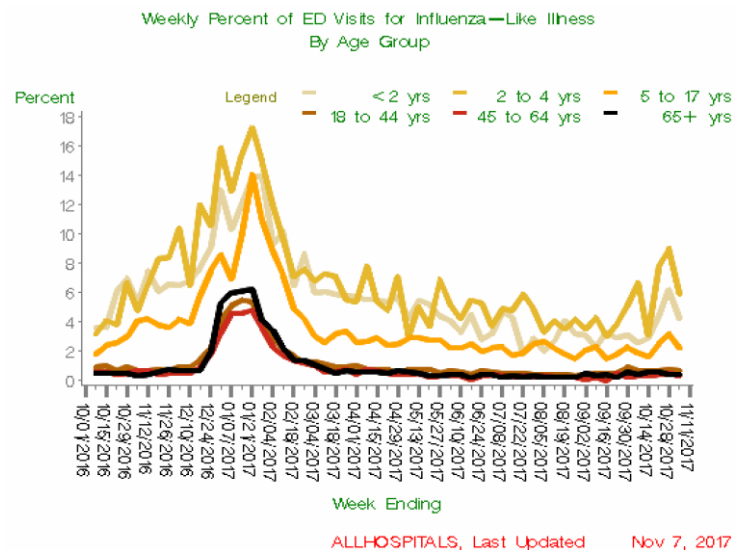
Methodologies: AG=Antigen; PCR=Polymerase Chain Reaction; VI=Viral Isolation



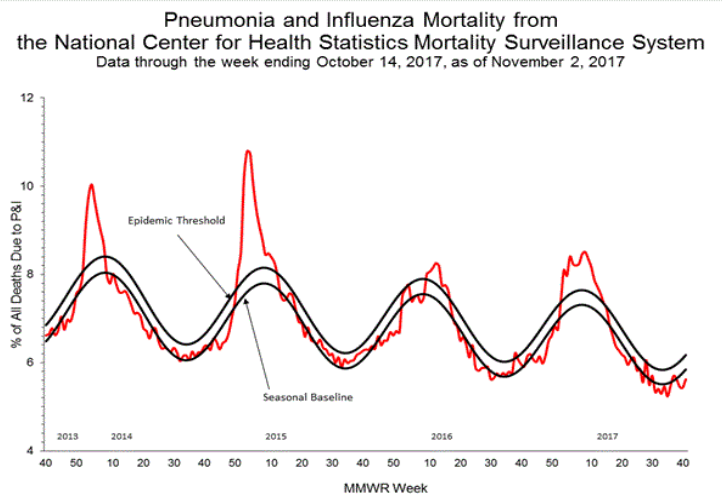
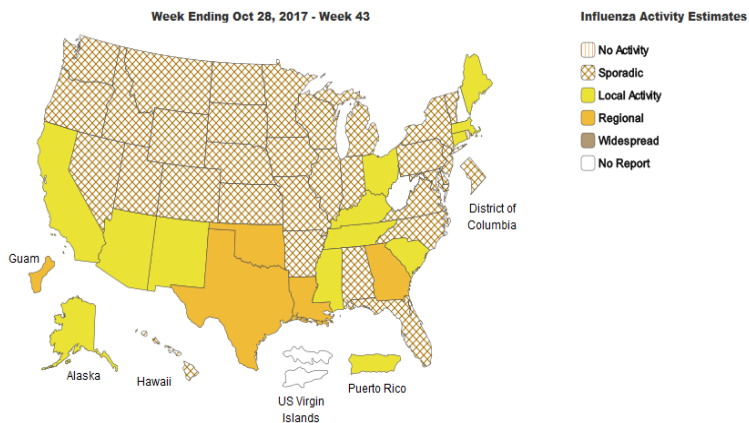
King County syndromic surveillance system



Note: The change from ICD-9 to ICD-10 codes in October 2015 may impact trends.
 Last updated Nov 5, 2017 ; 'current week' is week ending Nov 4, 2017
 Baseline: Mean % ILI during non-flu weeks for previous three seasons, adding two standard deviations.
 Using rapid antigen data, a non-flu week is a period of 2+ consecutive weeks where each one accounted for <2% of the season's total number of specimens that tested positive for influenza.



National data from CDC



Please report any of the following:

- Laboratory-confirmed influenza-associated deaths
- Patients with novel or unsubtypeable influenza viruses
- Outbreaks of influenza-like illness in a long-term care facility

Phone: (206) 296-4774

Fax: (206) 296-4803

Reporting Timeframe

Within 3 business days

Immediately

Immediately

Resources

[Additional King County Flu Information, Resources, and Surveillance](#)

[UW Virology Laboratory Respiratory Virus Surveillance](#)

[Washington State Influenza Surveillance Update](#)

[National Influenza Update](#)

[Global Influenza Update](#)

